

REMARKS

Very thanks for Examination's suggestion and thanks for finding the difference of making process between Species I Claim 1-8 and Species II Claim 9-15 (but the original claim 11 is cancelled). The applicant decides to elect Species II as the generic claim of the instant invention and adds the feature of the original claims 2,5-8 dependent on the Claim 9, as the new claims 20, 23-26. Original claim 2 depends on the claim 9 as a new claim 20, the feature of the original claims 3,4 depend on the new claim 20 as new claim 21,22. Thereby, it is assured that the new claims 20-26 are based on the original claims and thus no new matter is added. The applicant filed in divisional patent application for the original Claim 16 to 19 withdrawn from this instant invention. The divisional application has no new matter than the original application.

The relation of the new claims with respect to the original claims are illustrated in the following.

LIST OF CLAIMS:

Claim 1-8. (cancelled)

Claim [[9]] 1.(original) A method for manufacturing a waterproof zipper comprising a step of: (a) feeding a nylon zipper to a feeding device; (b) passing the nylon zipper to a gluing device and coating PU gel on backsides of the fastener strips of the nylon zipper; (c) pressing the PU gel into the fastener strips by using capillary effect; (d) vaporizing solvent in the PU gel in a drying box; (e) adhering a PU film with PU gel on backsides of the fastener strips by using rollers to press the PU film so as to be formed as a waterproof layer; wherein the PU film is adhered on a release paper; (f) heating the PU film and PU gel to be formed as a waterproof layer; (g) cutting the waterproof layer along a center of the waterproof layer so as to be formed with two waterproof layers which are located at the two fastener strips; and thus a waterproof zipper being formed and (h) guiding the waterproof zipper out.

Claim [[10]] 2. (original) The method of claim [[9]] 1, wherein after heating step, further comprising a step of extruding the PU film, PU gel and fastener strips so as to firmly combine the PU film, PU gel and fastener strips.

Claim [[11]]. (cancelled)

Claim [[12]] 3. (original) The method of claim [[9]] 1, wherein between steps (d) and (e) further comprising a step (d1) of printing patterns on the PU film.

Claim [[13]] 4. (original) The method of claim [[9]] 1, between steps (d) and (e) further comprising a step (d1) of forming textures on the PU film.

Claim [[14]] 5. (original) The method of claim [[9]] 1, between step (d) and (e), further comprising steps of: output the nylon zipper by a guide device; feeding a nylon zipper to a feeding device;

Claim [[15]] 6. (original) The method of claim [[14]] 5, wherein after heating step, further comprising a step of compressing the PU film, PU gel and

fastener strips at two sides so as to firmly combine the PU film, PU gel and fastener strips.

Claim [[16]]. (withdrawn) A nylon waterproof zipper comprising two symmetric fastener strips; each fastener strip has a front surface and a back surface; an inner side of the front surface of each fastener strip having a cord thread protruded from the surface; two chains being mounted along the cord threads, respectively; the cord threads being fixed to the fastener strips, respectively; the two chains being engaged by a coupling slider; a back surface of each fastener strip being combined with a thin waterproof layer; characterized in that: a back surface of each fastener strip is permeated with PU gel; and then a PU film is adhered to the back surface by thermal plastic stage so as to be formed as a waterproof layer which includes an inner layer of the PU gel permeating into the fastener strips and an outer layer at an outer side of the fastener strips.

Claim [[17]]. (withdrawn) The nylon waterproof zipper as claimed in claim 1, wherein the waterproof layer is formed with textures.

Claim [[18]]. (withdrawn) The nylon waterproof zipper as claimed in claim 1, wherein a thickness of the inner layer is over one third of each fastener strip.

Claim [[19]]. (withdrawn) The nylon waterproof zipper as claimed in claim 1, wherein a thickness of the inner layer is over one half of each fastener strip.

Claim [[20]] 7. (new) The method of claim [[9]] 1, wherein after step (e), further comprising a step (e1) of pressing the PU gel into the fastener strips by rollers.

Claim [[21]] 8. (new) The method of claim [[20]] 7, wherein the steps of (e) and (e1) are repeated through predetermined times.

Claim [[22]] 9. (new) The method of claim [[20]] 7, wherein after step (e1), a step (e2) is performed for drying the fastener strips.

Claim [[23]] 10. (new) The method of claim [[9]] 1, wherein after the step

(f), a step (f1) is performed for compressing the PU film, PU gel and fastener strips from two sides thereof.

Claim [[24]] 11. (new) The method of claim [[9]] 1, wherein after step (b) further comprising a step (b1) of printing pattern on the PU film.

Claim [[25]] 12. (new) The method of claim [[9]] 1, wherein after step (b) further comprising a step (b1) of forming textures on the PU film.

Claim [[26]] 13. (new) The method of claim [[9]] 1, wherein before step (e), the PU film is pressed at two sides.

Since in above discussion, it is apparent that the instant invention is elected Claim 9 to 15 as generic claim for persecution. Furthermore, as we know that may cite prior art has features of the present invention for comparing the novelty and inventive step of the present invention. It is now believed that the subject Patent Application has been placed in condition for persecution, and such action is respectively requested.

Respectfully submitted.

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